

Notice of Allowability

Application No.

10/679,840

Examiner

Alfred Basichas

Applicant(s)

HARNEIT, UWE

Art Unit

3749

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to application filed 10/06/03.
2. ☒ The allowed claim(s) is/are 1-5.
3. ☒ The drawings filed on 06 October 2003 are accepted by the Examiner.
4. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☐ All b) ☐ Some* c) ☐ None of the:
 1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

5. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
 6. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
7. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☒ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☒ Information Disclosure Statements (PTO-1449 or PTO/SB/08), Paper No./Mail Date _____
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☐ Interview Summary (PTO-413), Paper No./Mail Date _____
7. ☐ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____


Alfred Basichas
Primary Examiner
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REASONS FOR ALLOWANCE

1. The following is an examiner's statement of reasons for allowance:

Applicant claims, among other things, a gas burner head assembly, including a burner cap, said burner cap being disc shaped, said burner cap having a top, said top of said burner cap having included thereon a centrally located horizontal surface and a tapering surface, said tapering surface extending from said horizontal surface and terminating at an edge of said top of said burner cap, said edge of said top of said burner cap having defined thereon a downturned flange or lip, said lip overhanging said edge of said burner cap, said burner cap further having a bottom surface, said bottom surface being recessed away from said lip creating a recessed portion of said bottom surface thereon, a raised boss, said raised boss being centrally located on said bottom surface of said burner cap, said raised boss having a first hole and a second hole defined therein, a burner head, said burner head being complimentary in shape to said burner cap, said burner head being defined as a flat plate, said flat plate having a top surface and a bottom surface defined thereon, a first annular boss is defined on an outer portion of said burner head and projecting upwards creating a central cavity thereby, said first annular boss having a thickness and a height, said first annular boss has a series

of main flame slots and secondary flame slots defined therein, a second annular boss is centrally located on said bottom surface of said burner head and projects downward to be positioned over a gas jet, said gas jet being located in a burner base, said second annular boss has a centrally located hole defined therein, said centrally located hole penetrating through said top surface of said burner head, said burner head having a plurality of pads, said plurality of pads radiating away from said second annular boss, said plurality of pads each having a foot defined thereon, said foot creating a stable support to rest upon said burner base, a positioning blade is positioned on each of said feet, and projects in a downward orientation, each of said positioning blades has a length, said length preventing said burner head from being dislodged from said burner base, said top surface of said burner head has a first hole and a second hole defined therein, said first and said second hole each being coincidently positioned with said first and said second holes in said burner cap, a first and second pin means is inserted into said first and second hole located in said burner head respectfully, and is positionally engaged with said first and second hole in said burner cap, creating a burner head assembly, said bottom surface of said burner cap and said central cavity of said burner head defining a distribution chamber therebetween, said distribution chamber communicating with the external environment via said main flame slots and said secondary flame slots, a burner base, said

burner base being shaped to define a mixing chamber therein, said mixing chamber having a bottom, said bottom of said mixing chamber having a weep hole defined therein, said weep hole permitting water and dirt to exit therefrom, said burner base further having a gas inlet defined thereon, said gas inlet allowing flammable gas to be inserted into said mixing chamber through a gas jet, said gas jet being located below said second annular boss in said burner head assembly, and said burner base having a first blade and a second blade orthogonally arranged in a parallel relationship creating an orientation slot therebetween, said first and second blade being attached to a wall of said mixing chamber, said orientation slot positionally arranges said burner head assembly on said burner base, a first corner and a second corner being defined on said burner base and each locating one of said positioning blades thereby, said burner base having a locating means for an igniter, said burner head additionally having an igniter positioning means therein positionally aligned with said locating means for an igniter.

The prior art of record, taken alone or in combination therewith, does not disclose nor make obvious the combination as claimed by applicant.

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Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Alfred Basichas whose telephone number is 703 306 3476. The examiner can normally be reached on Monday through Friday during regular business hours.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Ira Lazarus can be reached on 703 308 1935. The fax phone numbers for the organization where this application or proceeding is assigned are 703 872 9306.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is 703 308 0861.

May 28, 2004


Alfred Basichas
Primary Examiner
703 306 3476